

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32	(Yb ytterbium) with ((divalent (di adj1 valent)) near3 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:22
S2	0	(Yb ytterbium) with ((triivalent (tri adj1 valent)) near3 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:13
S3	47	(Yb ytterbium) with ((trivalent (tri adj1 valent)) near3 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:35
S4	0	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:13
S5	21	S1 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:13
S6	21	S1 same S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:18
S7	0	S6 and (optic\$2 near1 fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:13
S8	0	S6 and waveguid\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:14

S9	3	"6587623"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:18
S10	6	(loss) with ((divalent (di adj1 valent)) near3 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:20
S11	6	(gain\$3) with ((trivalent (tri adj1 valent)) near3 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:20
S12	0	10/806931	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:20
S13	9	(los\$3) with ((divalent (di adj1 valent)) near3 state)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:20
S14	0	S11 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:21
S15	1195	(fiber waveguid\$3 (wave adj1 guid\$3)) with dop\$4 with (Yb ytterbium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:22
S16	48	S15 and ((divalent trivalent ((tri di) adj1 valent)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:40

S17	0	(divalent near4 (Yb ytterbium)) with (lower\$3 minimiz\$3 minim\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:42
S18	1	(divalent with (Yb ytterbium)) with (lower\$3 minimiz\$3 minim\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:41
S19	47	(divalent near4 (Yb ytterbium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 12:42
S20	18	(divalent near4 (Yb ytterbium)) and (optic\$2 waveguid\$3 (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:35
S21	333	(Yb ytterbium) with (valen\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:37
S22	27	S21 same (optic\$2 light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:39
S23	739	"yb.sup.2+" "yb.sup.3+"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:48
S24	24	"yb.sup.2+" and "yb.sup.3+"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:39

S25	21	S24 and (optic\$2 light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:46
S26	19	"yb.sup.2+" same "yb.sup.3+"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:39
S27	5	S26 same (optic\$2 light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:39
S28	6	S24 and ((optic\$2 light) same S23)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:47
S29	2393	di adj1 valen\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:48
S30	2330	di adj1 valent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:49
S31	143869	((di adj1 valen\$4) divalent "\$2.sup.2+")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:51
S32	23	("\$2.sup.2+")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:50

S34	1748	((di adj1 valen\$4) divalent \$2".sup. 2+") same ((tri adj1 valen\$4) trivalent \$2".sup.3+") same (light optic\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:53
S35	69	S34 same Yb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:53
S36	406	((di adj1 valen\$4) divalent \$2".sup. 2+") same ((tri adj1 valen\$4) trivalent \$2".sup.3+") same (fiber (waveguid\$3) (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:58
S37	25	S36 and Yb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:54
S38	6	S36 same Yb	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 14:54
S39	9	((di adj1 valen\$4) divalent \$2".sup. 2+") with (Yb ytterbium) with (fiber waveguid\$3 (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:27
S40	5	((di adj1 valen\$4) divalent Yb".sup. 2+") with (Yb ytterbium) with (fiber waveguid\$3 (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:26
S41	0	((di adj1 valen\$4) divalent Yb".sup. 2+") with (Yb ytterbium) with (photodarken\$3 (photo adj1 darken\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:26

S42	0	((di adj1 valen\$4) divalent Yb".sup.2+") with (Yb ytterbium) with dop\$3 with (al near1 yb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:47
S43	5	(al near1 yb) with dop\$4 with (fiber waveguid\$3 (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 15:28
S44	46	((di adj1 valen\$4) divalent \$2".sup.2+") same ((tri adj1 valen\$4) trivalent \$2".sup.3+") same (fiber (waveguid\$3) (wave adj1 guid\$3)) same dop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:00
S45	22	S44 and (Yb ytterbium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:00
S46	2	(((((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+") same (wavelength near3 (absorb\$3 absorption)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:28
S47	87	(((((tri adj1 valen\$4) trivalent) with (Yb ytterbium)) Yb".sup.3+") same (wavelength near3 (absorb\$3 absorption)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:28
S48	6	(((((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+") same dop\$3 same (glass silica)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:52
S49	3	(((((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+") same dop\$3 same (glass silica) same (Al".sup.3+" Al aluminum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 16:54

S50	2775	385/123.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:38
S51	166	S50 and (yb ytterbium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:38
S52	43	S50 and (((((tri adj1 valen\$4) trivalent) with (Yb ytterbium)) Yb". sup.3+")) (((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb". sup.2+")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:40
S53	43	S50 and (((((tri adj1 valen\$4) trivalent) with (Yb ytterbium)) Yb". sup.3+")) (((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb". sup.2+"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:54
S54	272	((((tri adj1 valen\$4) trivalent) with (Yb ytterbium)) Yb".sup.3+")) same (((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 17:54
S55	72	S54 and (fiber waveguid\$3 (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 18:24
S56	2158	385/126-128.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 18:24
S57	995	385/131.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 18:24

S58	1	(S56 S57) and (((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 19:01
S59	1888	385/141-142.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/09 19:01
S60	5	S59 and (((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:24
S61	59	((al aluminum) near1 (yb ytterbium)) with (dop\$4 codop\$4 (co adj1 dop\$4) with (fiber waveguid\$3 (wave adj1 guid\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 14:29
S62	496	(((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:28
S63	1657	(((tri adj1 valen\$4) trivalent) with (Yb ytterbium)) Yb".sup.3+")) (((di adj1 valen\$4) divalent) with (Yb ytterbium)) Yb".sup.2+"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:41
S64	11	S61 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:29
S65	1927	(((tri adj1 valen\$3) trivalen\$2 valen\$3) with (Yb ytterbium)) Yb".sup.3+")) (((di adj1 valen\$3) divalen\$3 valen\$3) with (Yb ytterbium)) Yb".sup.2+"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:05

S66	11	S61 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:53
S67	48	S61 not S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 10:53
S68	2	((yb ytterbium) near3 (dop\$4 codop\$4 (co adj1 dop\$4)) with (fiber waveguid\$3 (wave adj1 guid\$3)) with (aluminosilicate (alumino adj1 silicate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 11:10
S69	24	(((((di adj1 valen\$3) divalen\$3 valen\$3) with (Yb ytterbium)) Yb". sup.2+" and ((Yb ytterbium) near5 dop\$4) same (fiber waveguid\$3 (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:09
S70	5	((fiber waveguid\$3) and (Al aluminum) and (Yb ytterbium) and divalent and trivalent).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 14:51
S71	10	(divalent near3 (yb ytterbium)) same (trivalent near3 (yb ytterbium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 14:55
S72	362	(((((tri adj1 valen\$3) trivalen\$2 valen\$3) with (Yb ytterbium)) Yb". sup.3+" Yb".sup.+3") and (((di adj1 valen\$3) divalen\$3 valen\$3) with (Yb ytterbium)) Yb".sup.2+" Yb".sup.+2") and (al aluminum al". sup.3+" al".sup.+3")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:06
S73	363	(((((tri adj1 valen\$3) trivalen\$2 valen\$3) with (Yb ytterbium)) Yb". sup.3+" Yb".sup.+3") and (((di adj1 valen\$3) divalen\$3 valen\$3) with (Yb ytterbium)) Yb".sup.2+" Yb".sup.+2") and (al aluminum al". sup.3+" al".sup.+3" YAG)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:06

S74	62	(((((tri adj1 valen\$3) trivalen\$2 valent\$3) near5 (Yb ytterbium)) Yb".sup.3+" Yb".sup.+3") and (((di adj1 valen\$3) divalen\$3 valen\$3) near5 (Yb ytterbium)) Yb".sup.2+" Yb".sup.+2") and (al aluminum al".sup.3+" al".sup.+3" YAG)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:08
S75	51	S74 and (optic\$2 light laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:07
S76	107	(((((tri adj1 valen\$3) trivalen\$2 valen\$3) near5 (Yb ytterbium)) Yb".sup.3+" Yb".sup.+3") and (((di adj1 valen\$3) divalen\$3 valen\$3) near5 (Yb ytterbium)) Yb".sup.2+" Yb".sup.+2") and (al aluminum al".sup.3+" al".sup.+3" YAG)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:09
S77	29	S76 and (fiber waveguid\$3 (wave adj1 guid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 16:51
S78	8	"Yb:YAG" near3 core	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 17:06
S79	2	"20040028101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 17:06
S80	1	10/766289	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 17:45
S81	9	"4913521"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/10 17:45

		Results
9.	TITLE-ABSTR-KEY((yb OR ytterbium) AND (al OR aluminum)) and FULL-TEXT(((optic! fib!) OR (fib! optic!)) and dop!) [All Sources(- All Sciences -)]	8
8.	FULL-TEXT((yb OR ytterbium) AND (al OR aluminum)) and FULL-TEXT(((optic! fib!) OR (fib! optic!)) and dop!) [All Sources(- All Sciences -)]	244
7.	FULL-TEXT((valen! divalen! trivalen! di-valen! tri-valen!)) and FULL-TEXT((Yb! ytterbium) AND (fiber! OR fibre!)) [All Sources(- All Sciences -)]	0
6.	FULL-TEXT(valen!) and FULL-TEXT((Yb! ytterbium) AND (fiber! OR fibre!)) [All Sources(- All Sciences -)]	0
5.	FULL-TEXT(di-valent OR tri-valent OR valence) and FULL-TEXT((Yb! ytterbium) AND (fiber! OR fibre!)) [All Sources(- All Sciences -)]	0
4.	FULL-TEXT(di-valent OR tri-valent OR valence) and FULL-TEXT((Yb ytterbium) AND (fiber! OR fibre!)) [All Sources(- All Sciences -)]	0
3.	FULL-TEXT(di-valent OR tri-valent OR valence) and FULL-TEXT((Yb ytterbium)) [All Sources(- All Sciences -)]	8
2.	FULL-TEXT(divalent OR trivalent OR valence) and FULL-TEXT((Yb ytterbium)) [All Sources(- All Sciences -)]	15
1.	FULL-TEXT((yb OR ytterbium) AND (al OR aluminum)) and FULL-TEXT((optic! fiber!) OR (fiber! optic!)) [All Sources(- All Sciences -)]	359